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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/634,402	08/09/2000	Les Long	KCX-355 (16018)	4865

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EXAMINER

DESAI, HEMANT

ART UNIT	PAPER NUMBER
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3721

DATE MAILED: 07/22/2003

19

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/634,402

Applicant(s)

LONG, LES

Examiner

Hemant M Desai

Art Unit

3721

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 36-56 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 36-56 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) ____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 36-56 are rejected under 35 U.S.C. 103(a) as being unpatentable over Murphy et al. (3472504) in view of Montguire (3513743).

Murphy et al. disclose a set of folding boards (77'-77"', fig. 1). However, Murphy et al. do not disclose a rotatable frame with two or more sets of folding blades for replacing one set with a second set with locking assembly.

However, Montguire et al. teach the use of frame assemblies mounted for rotation about an axis to allow an operator to perform maintenance or tool changing (see col. 1, lines 50-62; col. 5, lines 17-24 and 33-35) on one frame assembly while the other frame assembly is being used, thereby, reducing down time. Therefore it would have been obvious to one having ordinary skill in the art at time of invention to have provided Murphy's folding apparatus with a second set of folding assembly (frame assembly, second bar and folding boards) where the first and second frame assemblies are mounted so as to rotate about an axis as taught by Montguire et al. to facilitate tool maintenance or tool changing of one assembly while the other frame assembly is being used to thereby reduce apparatus down time.

Regarding claim 48, Murphy et al. also lack the teaching of locking assembly. However, Montguire et al. teach a locking assembly (pin 142 and recess 144, fig. 4) to align the rotatable member in selected position (see col. 3, lines 72-75; col. 4, lines 1-2). Therefore it would have been obvious to one having ordinary skill in the art at time of invention to have provided Murphy's folding apparatus with a locking assembly as taught by Montguire et al. to align the rotatable member in selected position.

Response to Arguments

3. Applicant's arguments filed 2/26/2003 have been fully considered but they are not persuasive. Applicant's argument that there is no suggestion to combine the references, the Examiner recognizes that references cannot be arbitrarily combined and that there must be some reason why the skilled in the art would be motivated to make the proposed combination of primary and secondary references. *In re Nomiya*, 184 USPQ 607 (CCPA 1975). However, there is no requirement that a motivation to make the modification be expressly articulated. The test for combining references is what the combination of disclosure taken, as a whole would suggest to one of ordinary skill in the art. *In re McLaughlin*, 170 USPQ 209 (CCPA 1971). References are evaluated by what they suggest to one versed in the art, rather than by their specific disclosures. *In re Bozek*, 163 USPQ 545 (CCPA 1969). Montguire ('743) clearly teaches the use of frame assemblies mounted for rotation about an axis to allow an operator to perform maintenance or tool changing on one frame assembly while the other frame assembly is being used, thereby, reducing down time, and this is applicable to the folding apparatus of Murphy et al. ('504). While it is recognized that Montguire's device does not show a

folding assembly, one of ordinary skill in the art would readily realize the benefits of Montguire's invention is obtainable even when adapted to a folding station or any web-treating workstation. Therefore it is obvious to one of ordinary skill in the art to combine the two references and provide the second set of folding assembly where the first and second frame assemblies are mounted so as to rotate about an axis to facilitate folding blades maintenance or changing of one assembly while the other frame assembly is being used to thereby reduce apparatus down time.

Regarding claim 33-35, all the rotating structures has horizontal and vertical axis, and further it is a relative term.

Conclusion

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 3721

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hemant M Desai whose telephone number is (703) 308-5830. The examiner can normally be reached on 7:00 AM-5: 30 PM, Mon-Thurs..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rinaldi I. Rada can be reached on (703) 308-2187. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9302 for regular communications and (703) 872-9303 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-3576.

Hemant M Desai
Examiner
Art Unit 3721

HMD
July 17, 2003


Rinaldi I. Rada
Supervisory Patent Examiner
Group 3700